## Abstract

A  $1\frac{1}{2}$  D probe is used in acoustic Doppler blood flow imaging to accurately determine the position of blood vessel in three dimensions. The  $1\frac{1}{2}$  D probe has closely spaced elements in the x direction and widely spaced elements in the y direction. Doppler power measurements are used to determine the y position of the blood vessel to an accuracy better than achieved by prior art techniques.

NWK2: 1146677.02

93184-00002